device **14**, pressure membranes **15**, bottles of materials **15***a*, video cassettes **15***b*. Other components that may be provided, and carried in the case, include a video camera **23** (FIGS. **4**, **5**). The case includes partitions for segregating the various components and elements and the device or head **2** may be lifted from the case and hung or mounted on an edge or corner of the case, in position for operating thereon.

In such handling of the device or head, it may be put in an inclined or sloping position to render it more easy to operate thereon, the arrangement closely approaching actual operating conditions such as with a natural head.

A feature here pointed to, is that the half-head has simulated natural facial features, and positions the eye mounting **3**, and the eye **4** for facilitating the eye cutting device **14** (FIG. **6**), thus producing an experimental setting of conditions that also exist in actual circumstances surrounding a natural eye and head.

Emphasis is also pointed to the arrangement in which the entire group of elements, also referred to as an operation system, are carried in the case **13**, which may be set up and used, as shown in FIG. **7**, in an experimental manner in any suitable location. It is also practical to utilize the entire assemblage in connection with visual instruction.

FIG. **4** shows the eye mounting **3** with the eye **4** positioned therein, in this case the device, or half head, being omitted to better present the other elements. Within the device is a lighting system **16** for illuminating the interior of the eye and a camera **23** which includes a macro lens **20**. Additionally for cooling the device, ventilators or fans **21**, **22** are provided.

In FIG. **5** is shown an arrangement similar to that of FIG. **4**, but this arrangement includes a tilted mirror **19** arranged at a suitable optical angle relative to the camera **23**. In this case lenses **17**, **18** are also provided in the optical line.

I claim:

1. A device for use in performing an experimental eye operation, comprising,

a plate (**9**) having a front surface and a rear surface, and having a head portion in the form of the front half of a human head, with simulated facial features facing on the front surface,

the head portion having on at least one side a depression forming an eye socket (**1**),

an eye mounting having tubes (**5**,**6**) for conducting cleansing fluid to and from the eye for facilitating the operation,

the eye mounting being mounted in the eye socket,

the head portion and eye mounting, when the eye mounting is mounted in the eye socket, together forming a hole through the device from front to rear, and the eye mounting being capable of holding an eye in the hole with the rear side of the eye exposed through the device to the rear.

2. A device according to claim **1** wherein,

the device in at least the head portion thereof, is provided with channels (**7**,**8**) in which said tubes (**5**,**6**) are disposed, the tubes leading from the eye socket.

3. A device according to claim **1** wherein,

the plate (**9**) is provided with a channel (**10**) for conducting cleansing fluids from the eye socket.

4. A device according to claim **1** wherein,

the plate is provided with grooves (**11**,**12**) for mounting the device, the grooves being spaced apart to enable the device to be mounted at different heights.

5. A device according to claim **1** and including,

a case having partitions forming corresponding compartments,

the device including additional components including bottles (**15***a*), eye cutting device (**14**), videocassettes (**15***b*),

the device and the components thereof, including said additional components, being in respective ones of said compartments, and

the case and the plate having complementary elements for mounting the plate on the case.

6. A device according to claim **1** wherein,

the eye mounting (**3**) includes a styrofoam plate (**3***a*) having a hole therethrough that is a part of said hole through the device, and

the eye (**4**) is necessarily positioned also in the hole in the styrofoam plate, the styrofoam plate thereby holding the eye.

7. A device according to claim **1** and including,

a lighting system (**16**) having incandescent lamps, and optical lenses.

8. A device according to claim **1**, and including,

ventilators (**21**,**22**) operable for cooling the plate including the head portion thereof.

9. A device according to claim **1** wherein,

the plate (**9**) and the eye mounting (**3**) therein are positioned at an optical angle similar to an optical bank, and including,

a camera (**23**) with macro lens (**20**) is directed to the eye mounting.

10. A device according to claim **9** wherein,

the camera (**23**) is disposed at an optical angle to the mounted eye (**4**),

the device includes a tilted mirror (**19**) in the optical angle of the camera,

at least one lens (**17**,**18**) in operable association with the tilted mirror in the optical angle, and

the lenses and the tilted mirror being incorporated in the device.

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